

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: BING LIN YANG

FOR: ILLUMINANT FOR DISCHARGE LAMP

PRELIMINARY AMENDMENT

The Assistant Commissioner of  
Patents and Trademarks  
Washington, DC 20231

Dear Sirs:

Prior to the Examiner acting in the above-referenced application, please preliminary amend the claims as follows:

IN THE CLAIMS:

Please replace claim 4 with the following rewritten version:

--4. (Amended) An illuminant for a discharge lamp according to claim 1,  
wherein a projecting section for discharge start-up is provided on said discharge electrode.--

Please inset the following newly added claim:

--5. (Newly Added) An illuminant for a discharge lamp according to claim 2,  
wherein a projecting section for discharge start-up is provided on said discharge electrode.--

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D.C. 20231.

Jennife Matson  
(Typed or printed name of person mailing paper or fee)

[Signature]  
(Signature of person mailing paper or fee)

IN THE ABSTRACT:

Please replace the abstract with the following rewritten version:

A durable illuminant with simple structure and stable discharge characteristics is provided. Discharge electrodes fixed to respective sealing spacers are inserted into a housing from both ends, the housing constructed from a cylindrical glass material with equal inner radii at both open ends. A discharge chamber is filled with a discharge gas and the sealing spacers are fused and fixed to the housing at this condition.

## REMARKS

Applicant requests entry of the present amendments which conform the claims to U.S. practice. No new matter is being introduced by this Amendment as antecedent support is set forth in the original specification and in the original claims.

Prosecution on the merits is respectfully requested.

The Examiner is invited to contact Applicant's Attorneys at the below-listed telephone number regarding this Preliminary Amendment or otherwise concerning the present application.

If there are any charges with respect to this Amendment or otherwise, please charge them to Deposit Account No. 06-1130 maintained by Applicants' attorneys.

Respectfully submitted,

BING LIN YANG

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## VERSION WITH MARKINGS TO SHOW CHANGES MADE:

### IN THE CLAIMS:

Claim 4 is rewritten herein as follows:

“Claim 4. (Amended/Marked Up) An illuminant for a discharge lamp according to [either] claim 1 [or 2], wherein a projecting section for discharge start-up is provided on said discharge electrode.”

### IN THE ABSTRACT:

The abstract is rewritten herein as follows:

A[n] durable illuminant with simple structure and stable discharge characteristics is provided. Discharge electrodes [14 and 15] fixed to respective sealing spacers [16 and 17] are inserted into a housing [13] from both ends, the housing constructed from a cylindrical glass material with equal inner radii at both open ends. A discharge chamber [18] is filled with a discharge gas and the sealing spacers [16 and 17] are fused and fixed to the housing [13] at this condition.